

What Is Claimed Is:

1. A drive, including at least a brake and an electromotor,
which is connected to an output stage with the aid of supply
5 lines,

the brake being supplied from a brake control,

wherein,

10 using at least one capacitor, the brake control is connected
to the supply lines for its supply.

2. The drive as recited in at least one of the preceding
15 claims,

wherein

the output stage is encompassed by a converter, inverter or
power converter.

20 3. The drive as recited in at least one of the preceding
claims,

wherein

the output stage is able to be operated in a pulse-width-
modulated manner.

25 4. The drive as recited in at least one of the preceding
claims,

wherein,

30 given long-lasting occurrences of DC voltages or zero voltages
on the supply lines, the brake is activated, i.e., transmits
brake torque to the rotor shaft of the motor or to a shaft
connected to the rotor shaft.

5. The drive as recited in at least one of the preceding
35 claims,

wherein,

when a critical minimum frequency of the respective time characteristics of the potentials of the supply lines is undershot, the brake is activated, i.e., transmits brake torque to the rotor shaft of the motor or to a shaft connected to the rotor shaft.

6. The drive as recited in at least one of the preceding claims,
wherein,

when critical RMS values of the potentials of the supply lines are undershot, the brake is activated, i.e., transmits brake torque to the rotor shaft of the motor or to a shaft connected to the rotor shaft.

7. The drive as recited in at least one of the preceding claims,
wherein
the brake includes a brake coil having a one-part or two-part design.

8. The drive as recited in at least one of the preceding claims,
wherein,
in a three-phase supply, the brake control is connected to the supply lines with the aid of three capacitors, and in a two-phase supply, with the aid of two capacitors.

9. An electromagnetically actuatable brake for an electromotor, which is connected to an output stage, in particular of a converter, inverter or similar converter, with the aid of supply lines,
the brake being supplied from a brake control,
wherein,
using at least one capacitor, the brake control is connected to the supply lines for its supply.